

Application No.: 10/533,303

Docket No.: SAE-0033



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:
Hisanori Itoh et al.

Application No.: 10/533,303

Confirmation No.: N/A

Filed: April 29, 2005

Art Unit: N/A

For: PLATINUM COMPLEXES

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith on Form PTO-1449 or PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR 1.56. Applicant respectfully requests that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form PTO-1449 or PTO/SB/08 be returned in accordance with MPEP §609.

- A copy of each listed document is being submitted to comply with the provisions of 37 CFR §§1.97 and 1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

Concise Explanation of Relevancy of the Document
(Fill out if no English translation, partial translation or English abstract is available)

- Any document having neither English translation nor English abstract relates to the subject matter of the above-identified application. English translation of the document is not readily available; however, the absence of such translations does not relieve the PTO from its duty to consider the submitted document (37 C.F.R. §1.98 and MPEP §609).



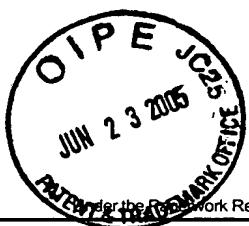
- 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date or within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in compliance with 37 C.F.R. §1.97(b), OR is being filed concurrent with filing of the Continued Prosecution Application (CPA) or the Request for Continued Examination (RCE). No fee is required (37 C.F.R. §1.97(b)).
- 2. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 18-0013 as needed to ensure consideration of the disclosed information.

Dated: June 23, 2005

Respectfully submitted,

By _____
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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/533,303
				Filing Date	April 29, 2005
				First Named Inventor	Hisanori Itoh
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	SAE-0033

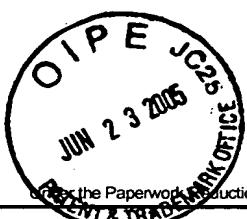
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
AA		US-6,303,238-B1	10-16-2001	Thompson et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		
BA		JP-2001-085166-A	03-30-2001	NEC Corp.	
BB		JP-2002-363552-A	12-18-2002	University of Hong Kong	
BC		WO-2004/039781-A1	05-13-2004	Takasago International Corporation	

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
CA		International Search Report for PCT/JP03/13317 mailed on January 27, 2004			
CB		English translation of International Search Report for PCT/JP03/13317 mailed on January 27, 2004			
CC		D.A. Bardwell et al., "A Study of Crystal Packing in a Series of Closely Related Square-Planar Palladium (II) and Platinum (II) Complexes", Polyhedron, 1994, Vol. 13, No. 15/16, pages 2291-2300			
CD		J. H. K. Yip et al., "Syntheses and Electronic Spectroscopy of [PtL(L')][ClO ₄] Complexes (HL=6-Phenyl-2,2'-bipyridine; L'=Pyridine, 4-Aminopyridine, 2-Aminopyridine, and 2,6-Diamonopyridine)", Inorganic Chemistry, 2000, Vol. 39, No. 16, pages 3537-3543			
CE		C. Chan et al., "Covalently Linked Donor-Acceptor Cyclometalated Platinum(II) Complexes. Structure and Luminescent Properties", Journal of the American Chemical Society, 1993, Vol. 115, No. 24, pages 11245-11253			
CF		T. Cheung et al., "Photoluminescent Cyclometallated Diplatinum(II,II) Complexes: Photophysical Properties and Crystal Structures of [PtL(PPh ₃)ClO ₄] and [Pt ₂ L ₂ (μ-dppm)][ClO ₄] ₂ (HL=6-phenyl-2,2'-bipyridine, dppm=Ph ₂ PCH ₂ PPh ₂)", Journal of Chemical Society, Dalton Transactions: Inorganic Chemistry, 1996, No. 8, pages 1645-1651			
CG		T. W. Greene et al., "Protective Groups in Organic Synthesis", Second Edition, John Wiley & Sons, Inc., pages 309-315			
CH		M. A. Baldo et al., "Very High-efficiency Green Organic Light-emitting Devices Based on Electrophosphorescence", Applied Physics Letters, 1999, Vol. 75, No. 1, pages 4-6			
CI		E. C. Constable et al., "Cyclometallation Reactions of 6-Phenyl-2,2'-bipyridine; a Potential C,N,N-Donor Analogue of 2,2':6',2'-Terpyridine. Crystal and Molecular Structure of Dichlorobis(6-phenyl-2,2'-bipyridine)ruthenium(II)", Journal of the Chemical Society, Dalton Transactions, 1990, pages 443-449			

Examiner Signature	Date Considered
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CJ	Y. Jahng et al., "Synthesis and Properties of 3,2'-polymethylene-6-(2'-pyridyl)-2-phenylpyridines and their Cycloplatinated Complexes", Inorganica Chimica Acta, 1998, Vol. 267, pages 265-270	
CK	D. J. Cárdenas et al., "Divergent Behavior of Palladium(II) and Platinum(II) in the Metalation of 1,3-Di(2-pyridyl)benzene", Organometallics, 1999, Vol. 18, pages 3337-3341	
CL	"Organometallic Complex (Yukikinzokusakutai)", Jikken Kagaku Koza, 4th Edition, Vol. 18, page 413 (with English translation)	✓
CM	T. Kauffmann et al., "Nucleophile Alkylierung und Arylierung des 2,2'-Bipyridyls", Chem. Ber., 1976, Vol. 109, pages 3864-3868	
CN	C. O. Dietrich-Buchecker et al., "Direct Synthesis of Disubstituted Aromatic Polyimine Chelates", Tetrahedron Letters, 1982, Vol. 23, No. 50, pages 5291-5294	
CO	C. Che et al., "PEG-Linked Luminescent Platinum(II) Complex as Aqueous Polymeric Molecular Light Switch for Protein Binding Reactions", Chemistry Communication, 2002, pages 2556-2557	
CP	M. A. Baldo et al., "Highly Efficient Phosphorescent Emission from Organic Electroluminescent Devices", Nature, 1998, Vol. 395, pages 151-154	
CQ	S. Lai et al., "Probing d ⁶ -d ⁸ Interactions in Luminescent Mono- and Binuclear Cyclometalated Platinum(II) Complexes of 6-Phenyl-2,2'-bipyridines", Inorganic Chemistry, 1999, Vol. 38, No. 18, pages 4046-4055	
CR	V. Balzani et al., "On the Orbital Nature of the Luminescent Excited State of Orthometalated Transition Metal Complexes", Photochemistry and Photophysics of Coordination Compounds, 1987, pages 71-77	
CS	C. A. Craig et al., "Synthesis and Photophysical Studies of Ortho-metallated Pd(II) Complexes including Two Novel Pd(II)/Rh(III) Dimers", Photochemistry and Photophysics of Coordination Compounds, 1987, pages 135-146	

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